CLAIMS

1. A method in a telecommunication system for controlling codec selection by a server (48), said telecommunication system including:

   - a first physical network (43) and a second physical network (45); and

   - endpoint devices (41, 46, 47) connected to said first and second physical networks, which networks offer each a bandwidth capacity,

   the method **characterized** in that it includes the steps of:

   (a) storing information related to at least one funnel network element (44) that links said first and second physical networks, said information including an address associated with said funnel network element;

   (b) receiving a communication request (SETUP, TCS, INVITE, 200 OK) from a first one of the endpoint devices (41,46,47), said request containing a set of advertised codec (308) for said communication;

   (c) sending an address detection message (M1) towards said endpoint device (41,46,47); and

   (d) selecting at least one of said advertised codecs for being used for said communication, the selection being performed in dependce on if the answer to said address detection message includes an address of said funnel network element (44).

2. The method of claim 1, wherein said stored information related to the funnel network element (44) further includes information about the bandwidth supported for communications through said funnel network element

(44), and wherein the selection of step (d) further depends on said bandwidth information.

3. The method of claim 1, wherein the stored information related to the funnel network element (44) further comprises information about the codecs (308) supported for communication through said funnel network element (44), and wherein the selection of step (d) further depends on said codec information.

4. The method of claim 1, wherein said address detection message (M1) is a path-discovery message.

5. The method of claim 4, wherein said path-discovery message is a TRACEROUTE message.

6. The method of claim 1, wherein said address detection message (M1) is an address-resolution message.

7. The method of claim 6, wherein said address-resolution message is an ARP message.

8. An apparatus for controlling the codec selection in a server (48) of a telecommunication system, said telecommunication system including at least a first physical network (43) and a second physical network (45) and a plurality of endpoint devices (41, 46, 47) connected to said first and second physical networks (43,45), each of said physical networks offering each a bandwidth capacity, the apparatus including:

(a) means for receiving a communication request (SETUP, TCS, INVITE, 200 OK) from a first one of the endpoint devices (41,46,47), said request containing a set of advertised codecs (308) for said communication;

the apparatus **characterized** in that it further includes:

(b) means for storing information related to at least one funnel network element (44) that links said first and second physical networks (43,45), said information including at least one address associated with said funnel network element;

(c) means for sending an address detection message (M1) towards said endpoint; and

(d) means for selecting at least one of said advertised codecs (308) to be used for said communication, the selection being performed in dependence on if the answer to said address detection message includes an address of said funnel network element.

9. The apparatus of claim 8, wherein said stored information related to the funnel network element (44) further includes information about the bandwidth supported for communication through said funnel network element (44), and wherein said means for selecting (d) are further arranged for selecting at least one of the codecs (308) in dependence on said bandwidth information.

10. The apparatus of claim 8, wherein the stored information related to the funnel network element (44) further includes information about the codecs (308) supported for a communication through said funnel network element (44), and wherein said means for selecting (d) are further arranged for selecting at least one of the codecs (308) in dependence on said codec information.

11. The apparatus of claim 8, wherein said address detection message (M1) is a path-discovery message.

12. The apparatus of claim 11, wherein said path-discovery message is a TRACEROUTE message.

13. The apparatus of claim 8, wherein said address detection message (M1) is an address-resolution message.

14. The apparatus of claim 13, wherein said address-resolution message is an ARP message.